WHAT IS CLAIMED IS:

1. An electro-optical device comprising:

a plurality of first electrodes disposed in an effective region on a substrate;

a second electrode acting as a common electrode for a plurality of the first electrodes;

a plurality of electro-optical elements each disposed between the second electrode and the corresponding first electrodes;

first wiring lines for applying power-supply voltages to the first electrodes; and

a second wiring line, connected to the second electrode, lying between the effective region and at least one of a plurality of sides of the substrate,

wherein the area of the second wiring line disposed on the substrate is larger than the total area of parts of the first wiring lines, the parts being disposed outside the effective region on the substrate.

2. The electro-optical device according to Claim 1, wherein the second wiring line has a portion having a width larger than that of the first wiring lines.

3. The electro-optical device according to Claim 1, wherein the width of the entire second wiring line is larger than that of the first wiring lines.

4. The electro-optical device according to Claim 1,

wherein a plurality of the electro-optical elements are each placed between the second electrode and the corresponding first electrodes and each include corresponding light-emitting layers that emit light when currents are applied between the second electrode and the corresponding first electrodes,

a plurality of the electro-optical elements include a plurality of types of elements classified depending on the color of light emitted from the light-emitting layers, and

the first wiring lines are arranged depending on the color of emitted light.

5. The electro-optical device according to Claim 4, wherein the width of the second wiring line disposed outside the effective region is larger than the width of part of one of the first wiring lines arranged depending on the type of the electro-optical elements, the part being disposed outside the effective region, the one being the widest of the first wiring lines.

6. The electro-optical device according to Claim 1, wherein the substrate has a dummy region dispose between the effective region and at least one of a plurality of sides of the substrate, and

the first wiring lines and the second wiring line are arranged between the dummy region and at least one of a plurality of sides of the substrate.

7. The electro-optical device according to Claim 6, wherein the second electrode covers at least the effective region and the dummy region.

8. The electro-optical device according to Claim 7, wherein a connection between the second wiring line and the second electrode lies between the effective region and at least three of a plurality of sides of the substrate.

9. The electro-optical device according to Claim 1, wherein a plurality of the first electrodes are each included in corresponding pixel electrodes arranged in the effective region and each include a plurality of control lines for transmitting signals for controlling the pixel electrodes, and

a plurality of the control lines are arranged such that each control line and at least one of the first wiring lines and the second wiring line do not cross on the substrate.

10. The electro-optical device according to Claim 9, wherein the control lines each include corresponding scanning lines for transmitting scanning signals to the corresponding pixel electrodes and also each include corresponding data lines for transmitting data signals to the corresponding pixel electrodes.

11. The electro-optical device according to Claim 1, wherein the electro-optical elements each include corresponding hole injection/transport layers and corresponding light-emitting layers containing an organic electroluminescent material, each hole injection/transport layer and light-emitting layer being stacked.

12. An electronic apparatus comprising an electro-optical device according to Claim 1.

13. A wiring substrate for electro-optical devices each including electro-optical elements each disposed between a plurality of corresponding first electrodes and a second electrode acting as a common electrode for the first electrodes, the wiring substrate comprising:

a plurality of first electrodes disposed on a substrate;

first wiring lines for applying power-supply voltages to the first electrodes; and

a second wiring line connected to the second electrode,

wherein the second electrode is disposed outside an effective region having the first electrodes therein, and the area of the second wiring line disposed on the substrate is

larger than the total area of parts of the first wiring lines, the parts being disposed outside the effective region on the substrate.